

# Use Attainability Analysis

for

WBID 0652 Sandy Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

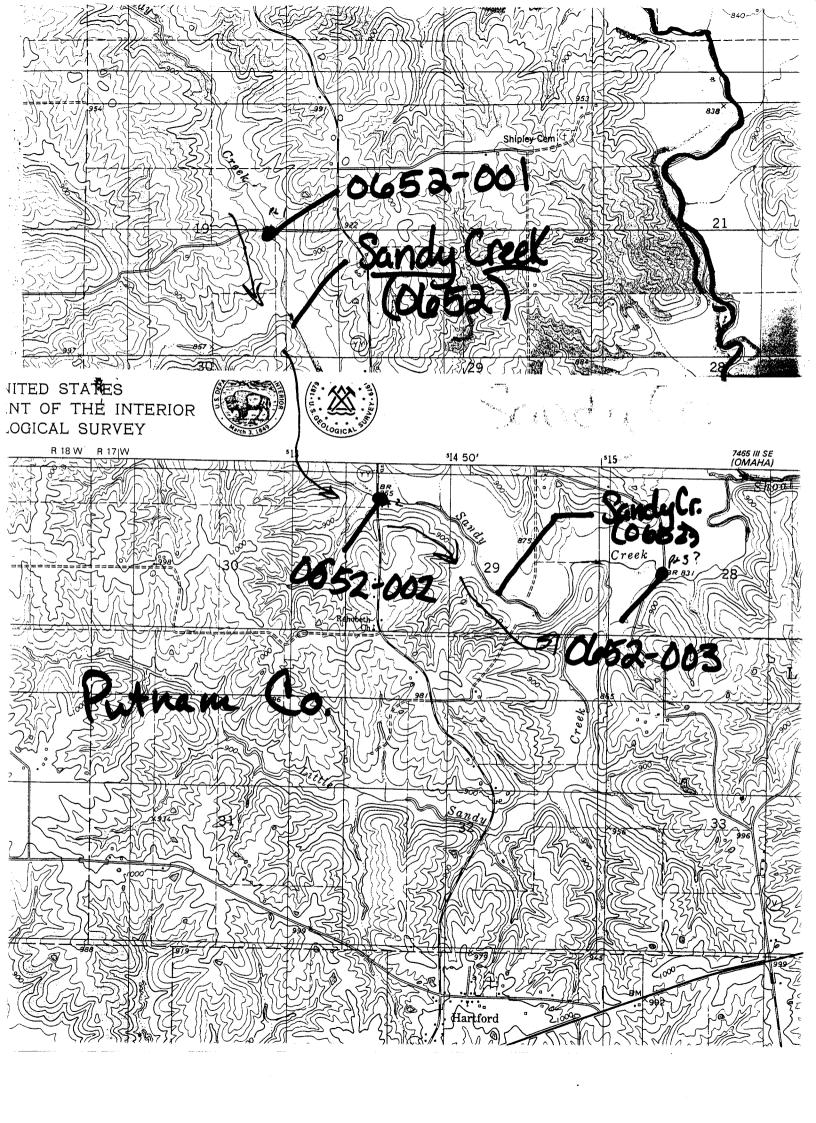


## Data Sheet A - Water Body Identification

Water Body Name (from USGS 7.5' quad): Sandy Creck
8-digit HUC: (028020)
Missouri WBID #: 0652
County: Putnam
Upstream Legal Description: NW4, SE4, Sec. 19, T 66N, R 17W
Downstream Legal Description: NW/4, NEV4, Sec. 28, TUEN, RITW
Upstream Coordinates: 40.50 834 N 92.84810 W Fom: 11.2
Downstream Coordinates: 40.50 437 N 92.8204 W FOM: 18.9
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Dave Dowdy 660-385 - \$7996
Organization: 5wcP
Position: 38 III

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

Signed:	a.	Marshaus		Date:	Q.	7-7-0	5
~-B************************************		· · · · · · · · · · · · · · · · · · ·	 				



#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: (2)	652-01		on Description:	
Site GPS Coordinates:		V4050834N F	ndy. Creek	
	-05@9:A			
Personnel: DD, AM		Permit Nun	nber:	
		IA	onditions for Past 7 days: So	me Rain Hot, Hum
Current Weather Condition	1 = 3 + Dann		Other:	ma par
Photo Ids: Upstream:	65241 1000	winstream: (USAD)	Omci.	
Jses Observed*:				
Swimming	Skin diving	SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	Wading	Rafting
Hunting	Trapping	Fishing	None of the above	Other:
Describe: (include numb	er of individuals rec	reating, frequency of use, pl	hoto-documentation of evidence	of recreational uses, etc.)
Describe. (merade dame				
Describe. (morado name				. ;
Describe. (morado name				
urrounding Condition		promote or impede recreation	nal uses. Attach photos of eviden	nce or unusual
Surrounding Condition	18*: (Mark all that p			nce or unusual
Surrounding Condition tems of interest.)	as*: (Mark all that p	MDC conservation land		
Surrounding Condition Tems of interest.)  City/county parks  Boating accesses	*: (Mark all that parks	☐ MDC conservation land ☐ National forests	ds Urban areas	☐ Campgrounds
currounding Condition  cems of interest.)  City/county parks  Boating accesses  No trespass sign	IS*: (Mark all that pure playgrounds)  State parks  Extended The pure parks of the p	☐ MDC conservation land ☐ National forests ☐ Steep slopes	ds Urban areas  Nature trails	☐ Campgrounds
currounding Condition  cems of interest.)  City/county parks  Boating accesses  No trespass sign	IS*: (Mark all that pure playgrounds)  State parks  Extended The pure parks of the p	☐ MDC conservation land ☐ National forests ☐ Steep slopes	ds Urban areas  Nature trails	Campgrounds  Stairs/walkway
Surrounding Condition Tems of interest.)  City/county parks  Boating accesses	IS*: (Mark all that pure playgrounds)  State parks  Extended The pure parks of the p	☐ MDC conservation land ☐ National forests ☐ Steep slopes <a href="#"> <a <="" href="#" td=""><td>ds Urban areas  Nature trails</td><td>Campgrounds  Stairs/walkway  RV / ATV Tracks</td></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a>	ds Urban areas  Nature trails	Campgrounds  Stairs/walkway  RV / ATV Tracks
Surrounding Condition tems of interest.)  City/county parks Boating accesses No trespass sign  Evidence of Human Us	Playgrounds  Playgrounds  State parks  Fence	☐ MDC conservation land ☐ National forests ☐ Steep slopes <a href="#"></a>	ds Urban areas  Nature trails  Other:	Campgrounds  Stairs/walkway

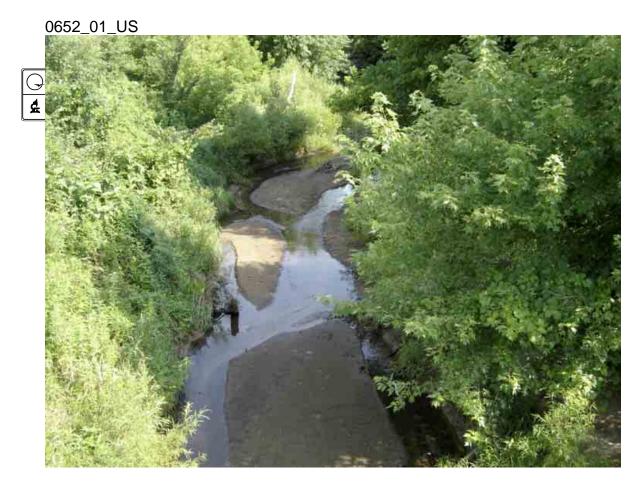
Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

\*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

# Data Sheet B - Site Characterization

Page Two - WBID # 0652 + 01

	ream Mor Unstream			imensions:					
	Riffle	Width (ft)	· <del>V</del>	Length (ft):	Avg. Dept	h (ft):	Max. I	Depth (ft):	
	⊠ Run	Width (ft)	: 18	Length (ft): 4	Avg. Depti	n (ft): <	25 Max. I	Depth (ft):	2.25
	Pool	Width (ft)	: :	Length (ft):	Avg. Deptl			Depth (ft):	<u> </u>
	Flow	Present?	Yes	□No	Estimated (	(ft³/sec):			
		X 7*	DI	<b>.</b>	ender and the free features and the feat				
Ī			<del></del>	Dimensions:	Arra Danth	(A).	May I	)	
	Riffle	Width (ft)		Length (ft):	Avg. Depth		<del></del>	Depth (ft):	
	Run	Width (ft)		Length (ft): 4	Avg. Depth		25 'Max. I		. 25
	☐ Pool	Width (ft)	•	Length (ft):	Avg. Depth	(ft):	Max. I	Depth (ft):	
	Flow	Present?	Yes	□No	Estimated (	ft <sup>3</sup> /sec):		,	
Su				add up to 100%.) 6 Gravel 60	% Sand 4	-() % Silt	% Mud/0	7127	% Bedrock
L	70	Cobble		6 Graver   C/O	76 Sand   1	70 5111	70 1410070	Jiay	70 BOULOOK
Aq	uatic Veg	etation*:	(note amou	ınt of vegetation or a	lgal growth at the ass	essment site)		,	
Ī	#.40	· Play	148 ; X	channel	é along l	oanks.			
ĺ	iyai	ا کے اور اسلام ان مال مال مال	Taga 5	( -100//	é along l				•
L	V	macie	Wees.	along ban	<i>F</i> 2				
Wa	ter Chara	acteristic	s*: (Mark	all that apply.)					· · · · · · · · · · · · · · · · · · ·
ſ	Odor:		Sewage	☐ Musky	Chemical	None	Othe	er:	
ſ	Color:	Ş	Clear	Green	☐ Gray	☐ Milky	Othe	er:	
	Bottom Dep	oosit:	] Sludge	☐ Solids	Fine sediments	None	Othe		
Ĺ	Surface Dep	oosit:	] Oil	Scum	Foam	None	Othe	T:	
	Star	n Pra	in a	nt let in	ncluding informat	l poles é	minnow	2	
com	mrehensive ı	ınderstandi	ng of water	conditions. Consequ	ecreational use designently, this information ditions that need further	on is not intende	ed to directly it	nfluemce a	
dat	asheet is t	rue and	accurate.		my knowledge, t	•		orted on 1	this UAA
Sig	ned: 0	L. Mar	shaw	}	Date:	7-7-	05	·	
Org	ganization:	Sw	CP		Positio	n: <u>883</u>	7		





#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 0	652 - 02		Site Location D	-	·
Site GPS Coordinates:		928404	W Sandy	creek	
	-05 P. 900		Facility Name:		
Personnel: DD. A	•		Permit Number:		
Current Weather Condition		1. DELY	Weather Condit	ions for Past 7 days: Saw	re Rain, Hot Has
Photo Ids: Upstream:		vnstream: 04			
Uses Observed*:	r	·	•	<u> </u>	T
Swimming	Skin diving	□ sct	JBA diving	☐ Tubing	Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boa	ting	Wading	Rafting
Hunting	☐ Trapping	☐ Fish	ing	None of the above	Other:
			·	-	
Surrounding Condition	s*: (Mark all that p	romote or imp	ede recreational u	ses. Attach photos of evider	nce or unusual
tems of interest.)			-	T	
☐ City/county parks	☐ Playgrounds	MDC con	servation lands	Urban areas	☐ Campgrounds
☐ Boating accesses	State parks	☐ National f	orests	☐ Nature trails ☐ Stairs/walkway	
☐ No trespass sign	Fence	Steep slop	es	Other: Cattle G	ate
Evidence of Human Use	**•			•	
Roads Lwy YY	Foot paths/prin	its Do	ck/platform	Livestock Watering	RV / ATV Tracks
Rope swings	Camping Sites	☐ Fir	e pit/ring	☐ NPDES Discharge	Fishing Tackle
Other:		•			
				•	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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# Data Sheet B - Site Characterization

Page Two - WBID # OGS2 = OZ

tream Morph Upstream V	iology: Tiew Physical Din	nensions:				
	Vidth (ft):	Length (ft):	Avg. Depth	ı (ft):	Max. Depth (ft):	· ·
Run W	Vidth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Pool W	7idth (ft): 25	Length (ft): 50	Avg. Depth	(ft): 0,5	Max. Depth (ft):	1.5
Flow P	resent? X Yes	☐ No	Estimated (	ft³/sec):		
Downstream	ı View Physical I	oimensions:				
	7idth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
☐ Run W	idth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Pool W	7idth (ft): 25	Length (ft): 6	Avg. Depth	(ft): 0.5	Max. Depth (ft):	15
	resent? Yes	] No	Estimated (1	t³/sec):		• .
<u> </u>				<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	,	
	hese values should ad		Sand 5	O % Silt	% Mud/Clay	% Bedrock
<u>% C</u>	obble   % (	Gravel 50 %	Sand 5	/ % SHt	% Mud/Clay	76 Deutock
quatic Vegets	ition*: (note amoun	of vegetation or algal	growth at the asse	essment site)	*	
Hudoic	Vegetation	along banks (along ba	V. thock	(high))	< 17. algae	onchann
1390070	T			, 0	J	
L fty aric	: Irees	along ba	MK>			
	eristics*: (Mark all	•	,			
Odor:	Sewage	Musky [	] Chemical	None	Other:	
Color:	Clear	Green	] Gray	☐ Milky	Other:	
Bottom Depos	it: Sludge	Solids	Fine sediments	None	Other:	
Surface Depos	it: Oil	Scum	Foam	None	Other:	
mments: Ple	ase attach addition	nal comments (inclu	iding informat	ion from interv	iews) to this form.	
his information i	s not to be used solely erstanding of water co	for removal of a recre- enditions. Consequentles t may point to condition	ational use design	ation but rather is n is not intended to	to provide a more o directly influence a	
his information in the information in the recretion on the recretion on the undersign	s not to be used solely erstanding of water co reation use analysis bu	for removal of a recreated from the recreation of the recreation o	ational use design y, this informations ns that need furth	ation but rather is n is not intended to er analysis or that	to provide a more o directly influence a effect another use.	
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his information in the information in the recreation on the recreation on the recreation in the undersignates and the undersignates and the undersignates are the undersignates.	s not to be used solely terstanding of water concention use analysis but ned, hereby affirm and accurate.	of for removal of a recreated anditions. Consequently the may point to condition to the best of my	ational use design y, this information ns that need furth knowledge, the	ation but rather is n is not intended to er analysis or that hat all informa	to provide a more of directly influence a effect another use.  ation reported on	
his information in the inprehensive und cision on the recretion the undersignates the undersignates the true of the index	s not to be used solely terstanding of water concention use analysis but ned, hereby affirm and accurate.	of for removal of a recreated anditions. Consequently the may point to condition to the best of my	ational use design y, this information ns that need furth knowledge, the	ation but rather is n is not intended the analysis or that hat all informated the transfer of	to provide a more of directly influence a effect another use.  ation reported on	·



#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

40 50437 7 18.9

Missouri WBID #:	1652-03		Site Location Description:					
Site GPS Coordinates:	40.50		Sandy	Sandy. Creek				
	05@10:4	0	Facility Name:					
Personnel: DD, A			Permit Number	•				
Current Weather Condit		s hotid	Weather Condit	ions for Past 7 days: Sam	e Rain 80 = - 90 =			
Photo Ids: Upstream:			5JD3 Othe		a man oo			
<u>.                                    </u>	W 301-10	<u> </u>		<del> </del>				
Uses Observed*:					,			
Swimming	Skin diving	SCL	JBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boar	ting	Wading	Rafting			
☐ Hunting	Trapping	☐ Fish	ing	None of the above	Other:			
Describe: (include numb	er of individuals rec	creating, freque	ncy of use, photo-	documentation of evidence	of recreational uses, etc.)			
				e e				
		_						
Surrounding Condition	18*: (Mark all that p	promote or impo	ede recreational u	ses. Attach photos of evider	nce or unusual			
tems of interest.)  City/county parks	Playgrounds	□ MDC come	servation lands	Urban areas	Campgrounds			
	+=	<del></del>		Nature trails	Stairs/walkway			
Boating accesses	State parks	☐ National fo		<b>4.</b>	Statis/ waikway			
☐ No trespass sign	Fence	Steep slop	es	Other:				
Evidence of Human Us	e*:		•	·				
Roads	Foot paths/prin	nts Do	ck/platform	Livestock Watering	RV / ATV Tracks			
☐ Rope swings	Camping Sites	☐ Fire	e pit/ring	☐ NPDES Discharge	Fishing Tackle			
MOther: Wild life	e Waterin	a						
<u> </u>	<u> </u>	<del>)                                    </del>						

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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# Data Sheet B - Site Characterization

Page Two - WBID #<u>0652</u>:- ○2

Stream Mor		ral Dimancia	ns. DRVI	1507450	>			
	Upstream View Physical Dimensions:  R			Avg. Depth		Max. Depth (ft):		
Run				Avg. Depth		Max. Depth (ft)	· · · · · · · · · · · · · · · · · · ·	
Pool	Width (ft):		th (ft):	Avg. Depth	<del></del>	Max. Depth (ft)		
⊠ Flow		Yes No	120,0	Estimated (f	<u> </u>	2,241, 2,50,41 (13)		
EXTION	Tresent.	103 [3]10		25022200 (2	. 7500).			
Downstrea	m View Phy	sical Dimens	ions: D	RY WEA	THER			
Riffle	Width (ft):	Leng	th (ft):	Avg. Depth	(ft):	Max. Depth (ft)	•	
Run	Width (ft):	Leng	th (ft):	Avg. Depth	(ft):	Max. Depth (ft)	:	
☐ Pool	Width (ft):	Lengt	th (ft):	Avg. Depth	(ft):	Max. Depth (ft)		
☐ Flow	Present?	Yes \( \sqrt{No}		Estimated (fi	r³/sec):		· .	
	· · · · · · · · · · · · · · · · · · ·		<u></u>		<u> </u>			
Substrate*:						0( ) ( ) ( )	0/ Dedecate	
%	Cobble	% Gravel	75 %	Sand $25$	% Silt	% Mud/Clay	% Bedrock	
Aquetic Vege	etation*• (not	e amount of veg	etation or algal	growth at the asse	ssment site)	.•		
						00	1	
1 19	dric t	iants 9	REES	along bar	123 9 17	channel	<b>)</b>	
Water Chara	cteristics*: /	Mark all that an	nlv.)					
Odor:			fusky	Chemical	None	Other:		
Color:	☐ Cle	ar 🔲 G	reen [	] Gray	☐ Milky	Other: DR	Y	
Bottom Dep	osit: 🔲 Slu	dge 🗌 S	olids [	Fine sediments	None	Other:		
Surface Dep	osit: 🔲 Oil	□ s	cum _	Foam	None	Other:	<u> </u>	
Channa	lwas	moist &	v. Sandi	, may b	6 interm	iews) to this form	m. 1g Stream	
comprehensive u	nderstanding of	f water condition	s. Consequent	ty, this information	n is not intended to	to provide a more of directly influence effect another use.	a ·	
datasheet is t	rue and acci	ırate.				tion reported		
Signed: 0	Marsh	nuro		Date:	7-7-	<u>05</u>		
Organization:	Swc	?		Position	: <u>88 I</u>			



